

#### ABSTRACT

A CPU included in a video processor detects the type of CCD incorporated in an electronic endoscope actually connected to the video processor on the basis of identification information sent from an incorporated endoscope identification circuit. Moreover, when an optional board is loaded, an optional board detector detects an extension feature to be implemented on the optional board. For example, when the incorporated CCD offers a small number of pixels, restrictions are imposed for fear an enlargement/reduction circuit may perform enhancement based on electronic zooming. Moreover, an indication that the feature is invalid is established. Thus, a user is prevented from performing unnecessary handling. This results in improved maneuverability.